

### **Abstract**

A blade and holder combination for use with a microkeratome, and including means for improving mechanical stability when the blade is reciprocated during cutting, as well as a peripheral configuration minimizing local nonuniformities. Blades in accordance with the invention have a generally hemispherical posterior geometry that include an adjacent centralized ovoid coupling aperture and a small centrally disposed access slot that may include indicia for denoting blade type. The hemispherical geometry minimizes both local deformities and the processing needed to assure that the product functions to provide a clean, uniform surgical result.